

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: James J. Alwan et al.

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For: CAP LAYER ON GLASS PANELS FOR IMPROVING TIP UNIFORMITY IN  
COLD CATHODE FIELD EMISSION TECHNOLOGY

Examiner: M. Day  
Group Art United: 2215

Assistant Commissioner for Patents  
Washington, D.C. 20231

**SUPPLEMENTAL PRELIMINARY AMENDMENT**

This Supplemental Preliminary Amendment is submitted in the above identified application and Applicants respectfully request that it be entered before the application is examined.

***In The Claims***

Please enter the following amended claims, a marked up version of which is provided as Attachment A.

11. (Amended) An improved cathode substrate for a field emission display comprising:
- a substrate;
  - a cap layer disposed on said substrate;
  - an anti-reflective coating, with the anti-reflective coating being associated with the cap layer; and
  - an array of emitter tips formed on said cap layer with the associated anti-reflective coating on said substrate.